T. North and	11:1-	I Cooreh Mout	DB	Time stamp
L Number	Hits 1	Search Text 6466539.pn.	USPAT;	2004/03/30 13:43
1	<u> </u>	0400333.pii.	US-PGPUB	2001,03,00 10.10
-	4	bus and safety and datastream and subscribers	USPAT; US-PGPUB	2004/03/30 13:43
-	28	700/108.ccls. and safety	USPAT; US-PGPUB	2003/07/11 16:47
-	8	(700/108.ccls. and safety) and bus	USPAT;	2003/07/11 11:45
-	1	6028522.pn.	US-PGPUB USPAT;	2003/07/11 11:48
-	2282	sensor and actuator and bus and safety	US-PGPUB USPAT; US-PGPUB	2003/07/11 11:48
-	228	(sensor and actuator and bus and safety) and 700/\$.ccls.	USPAT; US-PGPUB	2003/07/11 13:30
-	1	(sensor and actuator and bus and safety) and safety adj analyz\$3	USPAT; US-PGPUB	2003/07/11 11:50
-	17	((sensor and actuator and bus and safety) and 700/\$.ccls.) and subscrib\$3	USPAT; US-PGPUB	2003/07/11 11:52
-	63	(sensor and actuator and bus and safety) and crc	USPAT; US-PGPUB	2003/07/11 11:52
_	4	((sensor and actuator and bus and safety) and crc) and 700/\$.ccls.	USPAT; US-PGPUB	2003/07/11 13:34
-	27	700/\$.ccls. and bus and monitor same (data adj flow)	USPAT; US-PGPUB	2003/07/11 13:46
-	0	700/\$.ccls. and manipulat\$3 near4 datastream and (bus or network)	USPAT; US-PGPUB	2003/07/11 14:42
_	0	700/\$.ccls. and manipulat\$3 near4 datastream	USPAT; US-PGPUB	2003/07/11 14:42
_	3	700/\$.ccls. and manipulat\$3 near4 (data adj stream)	USPAT; US-PGPUB	2003/07/11 14:44
-	250	manipulat\$3 near4 (data adj stream)and (bus or network)	USPAT; US-PGPUB	2003/07/11 14:44
	6	(manipulat\$3 near4 (data adj stream)and (bus or network)) and safety 4680753.pn.	USPAT; US-PGPUB USPAT;	2003/07/11 14:46
_	532	downstream and subscriber and bus and	US-PGPUB USPAT;	2003/07/11 14:51
_	73	(insert or edit) and data (downstream and subscriber and bus and	US-PGPUB USPAT;	2003/07/11 14:53
_	66	(insert or edit) and data) and safety ((downstream and subscriber and bus and	US-PGPUB USPAT;	2003/07/11 14:53
		(insert or edit) and data) and safety) and monitor	US-PGPUB	
-	41	(((downstream and subscriber and bus and (insert or edit) and data) and safety) and monitor) and @ad<=19990617	USPAT; US-PGPUB	2003/07/11 17:00
-	2	de and "19815150"	USPAT; US-PGPUB;	2003/07/11 14:57
_	1	ep and "0770942"	EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/07/11 14:58
-	5	"0770942"	DERWENT USPAT; US-PGPUB;	2003/07/11 14:59
_	1	de and "19540069"	EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/07/11 15:03
_	167	phoenix.as. and bus	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/07/11 15:03
_	16	(phoenix.as. and bus) and safety	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/07/11 15:03
			DERWENT	

-	1	"6111888".PN.	USPAT; US-PGPUB	2003/07/11 15:23
-	1	"6101566".PN.	USPAT; US-PGPUB	2003/07/11 15:23
-	1	"6098135".PN.	USPAT; US-PGPUB	2003/07/11 15:24
- ,	1	"6069926".PN.	USPAT; US-PGPUB	2003/07/11 15:27
-	1	"6061599".PN.	USPAT; US-PGPUB	2003/07/11 15:27
-	1	"6044305".PN.	USPAT; US-PGPUB	2003/07/11 15:27
_	1	"5966304".PN.	USPAT; US-PGPUB	2003/07/11 15:28
-	1	"5357625".PN.	USPAT; US-PGPUB	2003/07/11 15:28
-	1	"3717844".PN.	USPAT; US-PGPUB	2003/07/11 15:28
-	1	"4516122".PN.	USPAT; US-PGPUB	2003/07/11 16:21
_	6	fieldbus and monitor and safety and subscriber	USPAT; US-PGPUB	2003/07/11 16:29
_	3155	(bus or network) and monitor\$3 same safety and sensor	USPAT; US-PGPUB	2003/07/11 16:30
-	558	709/208-211.ccls.	USPAT; US-PGPUB	2003/07/11 16:31
-	2051	710/110,100,106,107.ccls.	USPAT; US-PGPUB	2003/07/11 16:31
-	339	709/208-211.ccls. and bus	USPAT; US-PGPUB	2003/07/11 16:31
-	19	(709/208-211.ccls. and bus) and safety	USPAT; US-PGPUB	2003/07/11 16:33
-	33	(709/208-211.ccls. and bus) and subscriber	USPAT; US-PGPUB	2003/07/11 16:33
_	3	((709/208-211.ccls. and bus) and subscriber) and sensor	USPAT; US-PGPUB	2003/07/11 16:35
_	46	(709/208-211.ccls. and bus) and sensor	USPAT; US-PGPUB	2003/07/11 16:35
_	37	((709/208-211.ccls. and bus) and sensor) and monitor\$3	USPAT; US-PGPUB	2003/07/11 16:35
_	26	(((709/208-211.ccls. and bus) and sensor) and monitor\$3) and @ad<=19990617	USPAT; US-PGPUB	2003/07/14 11:11
_	866	710/110,100,106,107.ccls. and bus and monitor\$2	USPAT; US-PGPUB	2003/07/11 16:39
-	19	(710/110,100,106,107.ccls. and bus and monitor\$2) and safety	USPAT; US-PGPUB	2003/07/11 16:39
-	0	700/108.ccls	USPAT; US-PGPUB	2003/07/11 16:48
_	307	700/108.ccls.	USPAT; US-PGPUB	2003/07/11 16:48
-	178	700/108.ccls. and (bus or network)	USPAT; US-PGPUB	2003/07/11 16:48
-	138	(700/108.ccls. and (bus or network)) and monitor\$3	USPAT; US-PGPUB	2003/07/11 16:48
_	67	((700/108.ccls. and (bus or network)) and monitor\$3) and @ad<=19990617	USPAT; US-PGPUB	2003/07/14 11:31
_	880	bus and subscribers and data near2 manipulat\$4	USPAT; US-PGPUB	2003/07/14 11:10
_	664	(bus and subscribers and data near2 manipulat\$4) and monitor	USPAT; US-PGPUB	2003/07/14 11:11
_	293	((bus and subscribers and data near2 manipulat\$4) and monitor) and	USPAT; US-PGPUB	2003/07/14 11:12
_	204	<pre>@ad<=19990617 (((bus and subscribers and data near2</pre>	USPAT;	2003/07/14 11:12
		manipulat\$4) and monitor) and @ad<=19990617) and machine	US-PGPUB	2002/07/14 11 12
_	165	((((bus and subscribers and data near2 manipulat\$4) and monitor) and	USPAT; US-PGPUB	2003/07/14 11:12
		@ad<=19990617) and machine) and (speed or temperature)		

-	67	((700/108.ccls. and (bus or network)) and monitor\$3) and @ad<=19990617	USPAT; US-PGPUB	2003/07/14 14:26
-	649	700/79-80,177.ccls.	USPAT; US-PGPUB	2003/07/14 14:26
-	10	700/79-80,177.ccls. and bus and subscriber\$2	USPAT; US-PGPUB	2003/07/14 15:16
_	1	"6480473".PN.	USPAT; US-PGPUB	2003/07/14 14:59
-	1	"6424870".PN.	USPAT; US-PGPUB	2003/07/14 14:59
_	1	"6385562".PN.	USPAT; US-PGPUB	2003/07/14 15:00
-	1	"6381647".PN.	USPAT; US-PGPUB	2003/07/14 15:01
-	1	"6347252".PN.	USPAT; US-PGPUB	2003/07/14 15:01
-	1	"6307652".PN.	USPAT; US-PGPUB	2003/07/14 15:01
-	1	"6233704".PN.	USPAT; US-PGPUB	2003/07/14 15:13
-	1	"5566092".PN.	USPAT; US-PGPUB	2003/07/14 15:13
-	1	"5508689".PN.	USPAT; US-PGPUB	2003/07/14 15:13
-	1	"5369569".PN.	USPAT; US-PGPUB	2003/07/14 15:13
-	1	"4827477".PN.	USPAT; US-PGPUB	2003/07/14 15:14
-	167	700/79-80,177.ccls. and safety	USPAT; US-PGPUB	2003/07/14 15:16
_	57	roboter.as.	USPAT; US-PGPUB	2003/07/14 15:16
_	887	roboter.as. and safety 702/57-58,183.ccls.	USPAT; US-PGPUB USPAT;	2003/07/14 15:17
_	118	702/57-58,183.ccls. and safety	US-PGPUB USPAT;	2003/07/14 15:18
_	4	(702/57-58,183.ccls. and safety) and bus	US-PGPUB USPAT;	2003/07/14 15:20
_	8	and subscriber\$2 702/57-58,183.ccls. and bus and	US-PGPUB USPAT;	2003/07/14 15:20
_	8	subscriber\$2 (702/57-58,183.ccls. and bus and	US-PGPUB USPAT;	2003/07/14 15:20
_	4	subscriber\$2) not125 (702/57-58,183.ccls. and bus and	US-PGPUB USPAT;	2003/07/14 15:20
		subscriber\$2) not ((702/57-58,183.ccls. and safety) and bus and subscriber\$2)	US-PGPUB	
-	14	(US-6437692-\$ or US-5984504-\$ or US-6181975-\$ or US-5208742-\$ or	USPAT; EPO;	2003/07/15 15:47
		US-5161110-\$ or US-4680753-\$ or US-6347252-\$ or US-5442639-\$ or	DERWENT	
		US-4149241-\$ or US-6115643-\$ or US-6577918-\$ or US-6385562-\$).did. or		
_	2	(DE-19815150-\$).did. or (EP-770942-\$).did. ((US-6437692-\$ or US-5984504-\$ or	USPAT;	2003/07/14 17:23
		US-6181975-\$ or US-5208742-\$ or US-5161110-\$ or US-4680753-\$ or US-6347252-\$ or US-5442639-\$ or	US-PGPUB	
		US-6347232-\$ of US-5442639-\$ of US-4149241-\$ or US-6115643-\$ or US-6577918-\$ or US-6385562-\$).did. or		
		(DE-19815150-\$).did. or (EP-770942-\$).did.) and subscribe\$2 and		
-	11	bus safety.ti. and bus and subscriber\$2	USPAT;	2003/07/14 17:23
			US-PGPUB	

-	28	(US-6437692-\$ or US-5984504-\$ or	USPAT;	2003/07/15 15:47
		US-6181975-\$ or US-5208742-\$ or	EPO;	
		US-5161110-\$ or US-4680753-\$ or	DERWENT	
		US-6347252-\$ or US-5442639-\$ or		
		US-4149241-\$ or US-6115643-\$ or		
		US-6577918-\$ or US-6385562-\$).did. or		1
		(DE-19815150-\$).did. or (EP-770942-\$).did.		0000/05/45 46 00
1 -	2	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	USPAT;	2003/07/15 16:20
		US-6181975-\$ or US-5208742-\$ or	EPO;	
		US-5161110-\$ or US-4680753-\$ or	DERWENT	
		US-6347252-\$ or US-5442639-\$ or		
		US-4149241-\$ or US-6115643-\$ or		
		US-6577918-\$ or US-6385562-\$).did. or (DE-19815150-\$).did. or (EP-770942-\$).did.		
		(bE-19613130-3).did. Of (EF-770942-3).did.		
1_	5		USPAT;	2003/07/15 16:21
-	,	US-6181975-\$ or US-5208742-\$ or	EPO;	2003/07/13 16.21
		US-5161110-\$ or US-4680753-\$ or	DERWENT	1
		US-6347252-\$ or US-5442639-\$ or	DERWENT	
		US-4149241-\$ or US-6115643-\$ or]	
	İ	US-6577918-\$ or US-6385562-\$).did. or		
		(DE-19815150-\$).did. or (EP-770942-\$).did.		
) and master and slave	1	
-	5	bus and (safety or hazard) and datastream	USPAT;	2004/03/22 16:26
		and subscribers	US-PGPUB	
-	7	safety adj analyzer	USPAT;	2004/03/22 16:27
]			US-PGPUB	
-	0	quadtech.as.	USPAT;	2004/03/22 16:28
			US-PGPUB	
-	119	safety and sensor and machine and tool and	USPAT;	2004/03/22 16:29
		subscriber	US-PGPUB	
-	92	,	USPAT;	2004/03/22 16:29
		and subscriber) and bus	US-PGPUB	
-	92	((safety and sensor and machine and tool	USPAT;	2004/03/22 16:40
i	,	and subscriber) and bus) and data	US-PGPUB	0004/00/00 15 40
-	1	6325198.pn.	USPAT;	2004/03/22 16:40
1_	1	6325198.pn. and safety adj monitor	US-PGPUB USPAT;	2004/03/24 11:29
	_	oszsiso.pm. and safety adj monitor	US-PGPUB	2004/03/24 11.29
_	202	safety adj monitor	USPAT;	2004/03/22 16:41
		bureey adj monreer	US-PGPUB	2004703722 10.41
-	2	(safety adj monitor) and subscriber	USPAT;	2004/03/22 16:41
	_	(,,,	US-PGPUB	
-	57	(safety adj monitor) and bus	USPAT;	2004/03/22 16:48
			US-PGPUB	
-	1041	schneider.as.	USPAT;	2004/03/22 16:48
			US-PGPUB	
-	141	schneider.as. and safety	USPAT;	2004/03/22 16:48
			US-PGPUB	
-	12	(schneider.as. and safety) and bus	USPAT;	2004/03/22 16:58
	_		US-PGPUB	
-	7	("4257103" "4689541" "4931712"	USPAT	2004/03/22 16:50
		"4962338" "5212430" "5237250"		
	_	"5293102").PN.		0004/00/00
-	2	5955859.URPN.	USPAT	2004/03/22 16:50
<u>-</u>	8	5063527.URPN.	USPAT	2004/03/22 16:56
-	29	("3701113" "3829842" "3978454" "4075707" "4095094" "4101259"	USPAT	2004/03/22 16:57
		"4075707" "4095094" "4101258" "4107648" "4117317" "4275464"		
		"4107649" "4117317" "4275464" "4276603" "4412280" "4414669"		
		"4488300" "4412280" "4414669" "4488300" "4507784" "4511975"		
		"4520482" "4558416" "4567556"		
		"4633384" "4636949" "4644479"		
		4633364		
		"4745542" "4749992" "4827397"		
		"4852046" "4931975").PN.		
-	53	(safety adj monitor) and active	USPAT;	2004/03/22 16:58
			US-PGPUB	
	8	5063527.URPN.	USPAT	2004/03/22 16:59
				

-	10	1 ,	USPAT	2004/03/23 15:22
		"6044305" "6061599" "6069926"		
		"6076952" "6098135" "6101566"		
:	_	"6111888").PN.		
1 -	9	6347252.URPN.	USPAT	2004/03/23 15:23
-	135	safety and fieldbus and monitor	USPAT;	2004/03/23 15:26
			US-PGPUB	
-	0	(safety and fieldbus and monitor) and	USPAT;	2004/03/23 15:39
		safety adj monitor	US-PGPUB	0004/00/00 15 40
-	0	(safety and fieldbus and monitor) and on	USPAT;	2004/03/23 15:40
	0.7	and off	US-PGPUB	0004/00/00 17 16
-	97	, ,	USPAT;	2004/03/23 17:16
	1	actuator	US-PGPUB USPAT;	2004/03/23 17:16
-	1	6325198.pn. and safety and safety adj	US-PGPUB	2004/03/23 17.10
_	1	6325198.pn. and safety	USPAT;	2004/03/25 10:34
-	_	0323130.pii. and Safety	US-PGPUB	2004/03/23 10.34
_	4033913	ep "837394"	USPAT;	2004/03/25 10:34
	4033913	ep 03/394	US-PGPUB;	2004/03/23 10.34
			EPO; JPO;	
			DERWENT	
_	3	ep and "837394"	USPAT;	2004/03/25 10:55
			US-PGPUB;	2001,00,20 10.00
			EPO; JPO;	
			DERWENT	
_	0	837394.URPN.	USPAT	2004/03/25 10:37
_	10		USPAT;	2004/03/25 14:55
		or 5784547.pn. or 5928368.pn.	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	0	732654.URPN.	USPAT	2004/03/25 10:59
_	2	de and "19815150"	USPAT;	2004/03/25 15:06
			US-PGPUB;	
	İ		EPO; JPO;	
			DERWENT	
-	2	(light adj barrier and bus and controller)	USPAT;	2004/03/25 15:06
		and poll\$4 and sensor	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	75	light adj barrier and bus and controller	USPAT;	2004/03/25 15:10
			US-PGPUB;	
			EPO; JPO;	
	_	l	DERWENT	
-	27	bus adj subscriber and safety	USPAT;	2004/03/25 17:24
			US-PGPUB;	
			EPO; JPO;	
		6247050	DERWENT	0004/00/05 45 55
-	2	6347252.pn.	USPAT;	2004/03/25 15:13
			US-PGPUB;	
	1		EPO; JPO;	
l _	076	bug and subscriber andf-t-	DERWENT	2004/02/25 16:55
_	876	bus and subscriber and safety	USPAT;	2004/03/25 16:55
	-		US-PGPUB;	
			EPO; JPO;	
_	629	(bus and subscriber and safety) and	DERWENT USPAT;	2004/03/25 16:55
	029	(bus and subscriber and safety) and monitor	US-PGPUB;	2004/03/23 16:35
		MOTITION	EPO; JPO;	
			DERWENT	
_	266	((bus and subscriber and safety) and	USPAT;	2004/03/25 16:56
	200	monitor) and emergency	US-PGPUB;	2004/03/23 10:36
		monition , and emergency	EPO; JPO;	
			DERWENT	
_	158	(((bus and subscriber and safety) and	USPAT;	2004/03/25 16:56
	155	monitor) and emergency) and sensor	US-PGPUB;	
		and Sensor	EPO; JPO;	
			DERWENT	
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-	27	(US-6437692-\$ or US-5984504-\$ or	USPAT;	2004/03/25 17:14
		US-6181975-\$ or US-5208742-\$ or US-5161110-\$ or US-4680753-\$ or	US-PGPUB; EPO;	
İ		US-6347252-\$ or US-5442639-\$ or	DERWENT	
		US-4149241-\$ or US-6115643-\$ or		
		US-6577918-\$ or US-6385562-\$ or		
		US-6615091-\$ or US-6325198-\$ or		
		US-5063527-\$ or US-6601005-\$ or		
		US-5204865-\$ or US-6466539-\$ or		
		US-6115831-\$).did. or (US-20020093951-\$ or US-20040008467-\$ or US-20040010651-\$ or		
		US-20040008467-3 Of US-20040010031-3 Of US-20010001-3 Of		
		(DE-19815150-\$).did. or (EP-770942-\$ or		
		EP-837394-\$ or EP-732654-\$).did.		
-	153		USPAT;	2004/03/25 17:16
		monitor) and emergency) and sensor) not	US-PGPUB	
		((US-6437692-\$ or US-5984504-\$ or US-6181975-\$ or US-5208742-\$ or		
		US-5161110-\$ or US-4680753-\$ or		
		US-6347252-\$ or US-5442639-\$ or		
		US-4149241-\$ or US-6115643-\$ or		
		US-6577918-\$ or US-6385562-\$ or		
		US-6615091-\$ or US-6325198-\$ or		
		US-5063527-\$ or US-6601005-\$ or US-5204865-\$ or US-6466539-\$ or		
		US-6115831-\$).did. or (US-20020093951-\$ or		
		US-20040008467-\$ or US-20040010651-\$ or		
		US-20010049564-\$).did. or		
		(DE-19815150-\$).did. or (EP-770942-\$ or		
		EP-837394-\$ or EP-732654-\$).did.)	HCDAM.	2004/03/25 17:23
-	2	((((bus and subscriber and safety) and monitor) and emergency) and sensor) and	USPAT; US-PGPUB	2004/03/25 17:23
		fieldbus	05 10105	
_	494	370/216.ccls.	USPAT;	2004/03/25 17:23
			US-PGPUB	
-	19	370/216.ccls. and safety	USPAT;	2004/03/25 17:23
1_	300	bus adj subscriber	US-PGPUB USPAT;	2004/03/25 17:24
	300	bus adj subscriber	US-PGPUB;	2004/03/23 17:24
			EPO; JPO;	
			DERWENT	
-	300	bus adj subscriber\$1	USPAT;	2004/03/25 17:24
			US-PGPUB; EPO; JPO;	
			DERWENT	
_	28	(bus adj subscriber\$1) and emergency	USPAT;	2004/03/25 17:24
			US-PGPUB;	
			EPO; JPO;	
	1.0	//h	DERWENT	2004/03/25 17:24
-	18	((bus adj subscriber\$1) and emergency) and monitor\$1	USPAT; US-PGPUB;	2004/03/23 17:24
1		1	EPO; JPO;	
			DERWENT	
-	20	operator adj protection and plant	USPAT;	2004/03/29 17:42
			US-PGPUB	2004/02/20 13:40
-	4	(operator adj protection and plant) and (bus or network)	USPAT; US-PGPUB	2004/03/29 17:42
_	20	(operator adj protection and plant) not12	USPAT;	2004/03/29 17:42
			US-PGPUB	
-	16		USPAT;	2004/03/29 17:42
		((operator adj protection and plant) and	US-PGPUB	
	1.4	(bus or network))	119000.	2004/03/29 17:43
-	14	operator adj protection and bus	USPAT; US-PGPUB	2004/03/29 17:43
_	2186	operator and safety and network and plant	USPAT;	2004/03/29 17:44
	-100	The state of the s	US-PGPUB	
-	100	operator and safety and fieldbus	USPAT;	2004/03/29 17:53
		(US-PGPUB	2004/02/20 17:45
-	69	(operator and safety and fieldbus) and actuator	USPAT; US-PGPUB	2004/03/29 17:45
L	L	actuator	US-FGFUB	

. . . .

	1 27	(//	USPAT;	2004/03/29 17:45
-	37	((operator and safety and fieldbus) and		2004/03/29 17.43
	1	actuator) and serial	US-PGPUB	
-	7	("5136498" "5142470" "5245616"	USPAT	2004/03/29 17:49
		"5255388" "5379278" "5910778"		İ
ł		"6351829").PN.		
-	0	6701198.URPN.	USPAT	2004/03/29 17:49
_	153	fieldbus and safety and monitor\$3	USPAT;	2004/03/29 18:10
		•	US-PGPUB	
_	121	(fieldbus and safety and monitor\$3) not	USPAT;	2004/03/29 17:54
		(((operator and safety and fieldbus) and	US-PGPUB	
		actuator) and serial)		
_	48	5442639.URPN.	USPAT	2004/03/29 18:07
_	79	fieldbus and ((monitor\$3 or analyz\$3) same	USPAT;	2004/03/29 18:10
		safety)	US-PGPUB	
_	79	fieldbus and ((monitor\$3) same safety)	USPAT;	2004/03/29 18:10
			US-PGPUB	
l –	l 0	(fieldbus and ((monitor\$3) same safety))	USPAT;	2004/03/29 18:10
		not (fieldbus and safety and monitor\$3)	US-PGPUB	